## **PATENT**

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

Yin L. Cheung, Michael §

Attorney Docket

33849-8

J. Zeitlin

and Mark

Number:

Acostas

stas

}

Ş

Serial Number:

10/806,980

\$\text{co} \text{co} \text{co} \text{co} \text{co} \text{co} \text{co} \text{co} \text{co} \text{co}

Filing Date:

March 22, 2004

Art Unit:

2628

For:

System and Method for

Conf. No.

2205

Analyzing and Imaging

Three-Dimensional

Volume Data Sets Using A Three-Dimensional

Sampling Probe

Examiner:

Nguyen, Phu K.

Commissioner for Patents

P. O. Box 1450

Alexandria, VA 22313-1450

## CERTIFICATE OF TRANSMITTAL

I hereby certify that this correspondence is being filed with the United States Patent and Trademark Office through the EFS-Web Electronic Filing System on the date below:

Date: June 29, 2007 Signature: /Jeannie Harris/ Jeannie Harris

## AMENDMENT AND RESPONSE TO OFFICE ACTION DATED JANUARY 5, 2007

Dear Sir:

Applicants respectfully submit this Amendment and Response pursuant to 37 C.F.R. 1.111, which is responsive to the Examiner's Office Action dated January 5, 2007.

Amendments to the Claims begin on page 2.

Response begins on page 18.